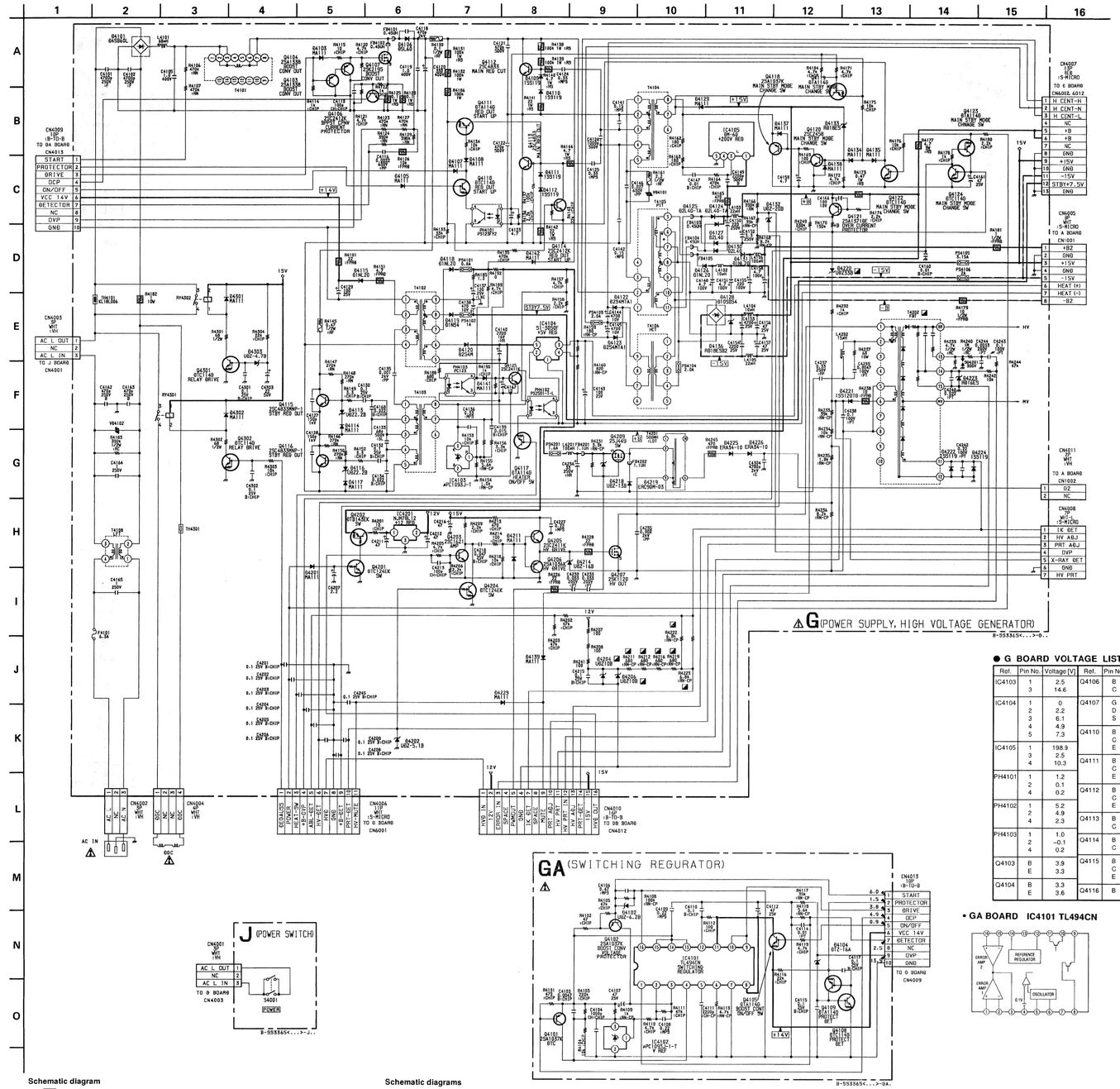
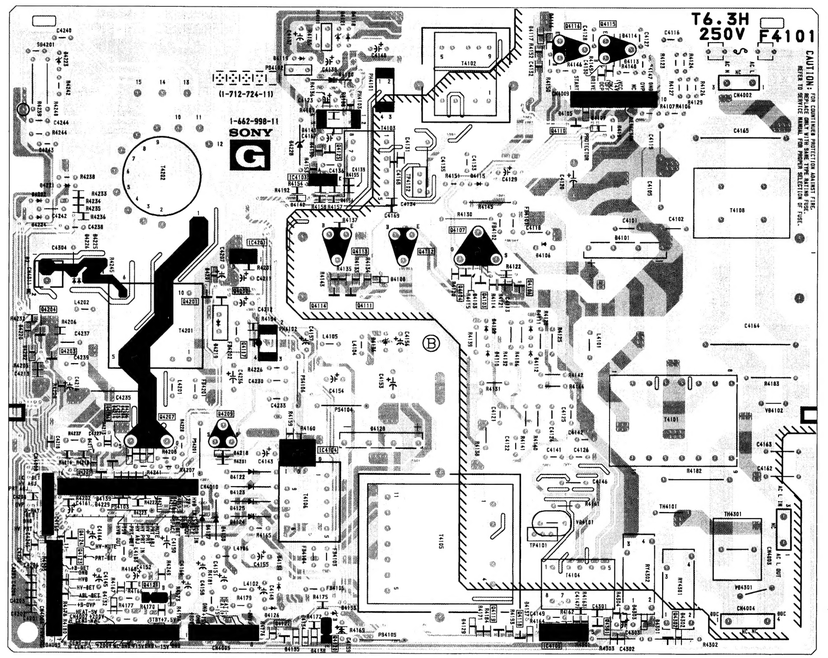
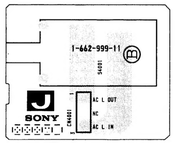
G [POWER SUPPLY HIGH VOLTAGE GENERATOR] GA [SWITCHING REG.] GB [HV CONTROL] J [POWER SW]


G (POWER SUPPLY, HIGH VOLTAGE GENERATOR)
GA (SWITCHING REGURATOR)
J (POWER SWITCH)
GB (HV CONTROL)
CN4007 TO G BOARD CN4202, 4012
CN4009 TO GA BOARD CN4013
CN4005 TO J BOARD CN4301
CN4011 TO A BOARD CN1002
CN4008 TO A BOARD CN1001
CN4002 TO POWER TRANSFORMER
CN4004 TO POWER TRANSFORMER
CN4006 TO G MICRO CN6001
CN4010 TO GB BOARD CN4012
CN4301 TO J BOARD CN4003
CN4013 TO GA BOARD CN4009
CN4012 TO GB BOARD CN4010
AC IN

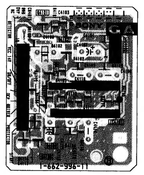
— G BOARD —



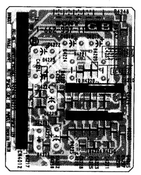
— J BOARD —



— GA BOARD —



— GB BOARD —

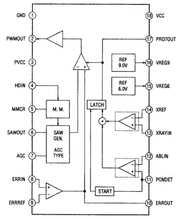


● G BOARD VOLTAGE LIST

Ref.	Pin No.	Voltage [V]	Ref.	Pin No.	Voltage [V]	Ref.	Pin No.	Voltage [V]	Ref.	Pin No.	Voltage [V]
IC4103	1	2.5	Q4106	B	0.1		C	176.7		E	0
	3	14.6		C	4.9	Q4117	B	4.9	Q4201	B	4.0
IC4104	1	0	Q4107	G	3.6		E	4.9		C	0
	2	2.2		D	90.2	Q4118	B	13.1	Q4202	B	0
	3	6.1		S	0		E	13.5	Q4203	B	0.1
	4	4.9	Q4110	B	0.9	Q4119	B	14.8		C	10.3
	5	7.3		C	0.2		C	15.6	Q4204	B	0.2
IC4105	1	198.9		E	0.2		E	15.7		C	10.3
	3	2.5	Q4111	B	1.3	Q4120	B	0.2	Q4205	B	8.8
	4	10.3		C	−1.6		C	13.1		E	13.6
PH4101	1	1.2		E	2.0	Q4121	B	199.2		E	8.7
	2	0.1	Q4112	B	170.7		C	0.2	Q4206	B	8.8
	4	0.2		C	352.0	Q4122	B	0.7		E	8.7
PH4102	1	5.2		E	172.3		C	0.1	Q4207	G	8.7
	2	4.9	Q4113	B	−1.6	Q4123	B	3.7		D	41.3
	4	2.3		C	172.3		C	0.3	Q4209	G	197.7
PH4103	1	1.0	Q4114	B	−1.6		E	3.7		D	41.0
	2	−0.1		C	−1.6	Q4124	B	0.3	Q4301	B	0.8
	4	0.2	Q4115	B	174.0		C	3.7		C	0.3
Q4103	B	3.9		C	351.0	Q4125	B	0	Q4302	B	0
	E	3.3		E	176.8		C	14.6		C	14.8
Q4104	B	3.3	Q4116	B	−1.6						
	E	3.6									

• GA BOARD IC4101 TL494CN

• GB BOARD IC4202 SBA9755S



G BOARDTerminal name of semiconductors in silk screen printed circuit

Ref.	Device	Printed symbol	Terminal name	Circuit
Q4103, Q4104, Q4106, Q4110, Q4111, Q4114, Q4117, Q4118, Q4119, Q4122, Q4123, Q4124, Q4125, Q4201, Q4202, Q4203, Q4204, Q4205, Q4206, Q4301, Q4302	Transistor	T	Collector Base Emitter	
D4105, D4107, D4108, D4116, D4117, D4129, D4132, D4134, D4135, D4137, D4138, D4142, D4201, D4202, D4204, D4206, D4211, D4214, D4218, D4220, D4301, D4302, D4303	Diode		Cathode Anode	

GA BOARDTerminal name of semiconductors in silk screen printed circuit

Ref.	Device	Printed symbol	Terminal name	Circuit
Q4101, Q4102, Q4105, Q4108, Q4109	Transistor	T	Collector Base Emitter	
D4102, D4104	Diode		Cathode Anode	

GB BOARDTerminal name of semiconductors in silk screen printed circuit

Ref.	Device	Printed symbol	Terminal name	Circuit
Q4208	Transistor	T	Collector Base Emitter	
D4203, D4205, D4207, D4208, D4209, D4213, D4215, D4217	Diode		Cathode Anode	

Schematic diagram ← D board

Schematic diagrams G GA GB J boards →